

ABSTRACT

A nucleic acid molecule is provided comprising 1) retroelements comprising a recombinant provirus when a target cell is infected by a retrovirus containing the retroelements; 2) a nucleotide sequence of interest, which can be transferred into the target cell and integrated into the recombinant provirus; and 3) a recognition sequence for the elimination of proviral sequences in the recombinant provirus. Proviral sequences that are not necessary for expression of the nucleotide sequence of interest in the target cell are eliminated once the recombinant provirus integrates into the target cell.

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N.W.
WASHINGTON, DC 20005
202-408-4000